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FIG. 1A

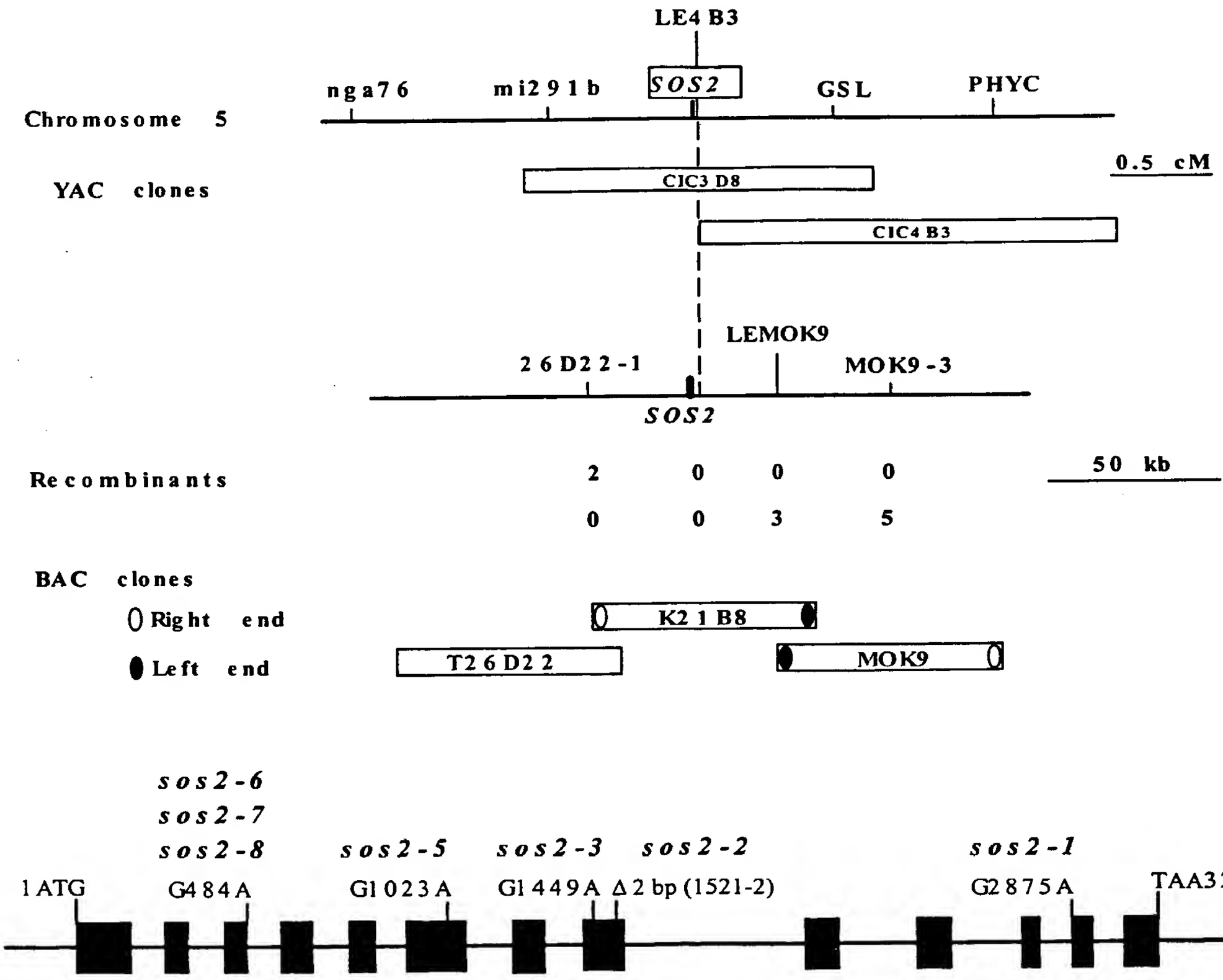

FIG. 1B

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FIG. 2A

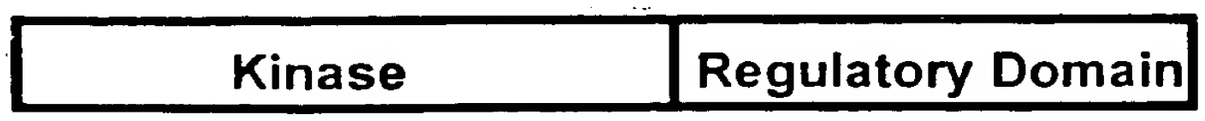

FIG. 2B

TCGATCAGATAAAAGTTTGTAAAGA

ATGACAAAGAAAATGAGAAGAGTCGCCAAGTACGAGGTTCGTCCCACAATACGTGAAGGAACCTTTCCTAACGTTAAG
1 M T K K M R R V G K Y E V G R T I E T F A K K

-- I --

TTTCCGACGAACACAGACACTCGTGATAATGTACGCCATCAAAATTATCGCTAAGAGTACAATACTTAAGAACAGAATG
27 F A R N T D T G D N V I I M A K S T I L K N R M

-- II --

GTTGATCAGATAAAAAGAGAGATATCTATAATGAAGATTGTTCGTCACCCGAACATAGTGAGGTTGTATGAGGTGTTG
53 V D Q I K R I S I M K I V R H P N V R L Y E V L

-- III -- -- IV --

CCGAGTCCTTCGAAAATATATATAGTTTTCGAGTTTGTGACAGGACGAGACCTCTTTGATAGAATTGTTCATAAACGG
79 A S P S K I Y I V L E F V T G G E L F D R I V H K G

-- V --

ACGCTTGAAGAAAGTGAGTCTCCGAAATACTTTCAACAGCTTGTAGATGCTGTTGCTCATTGTCACTCCAAGGGTGTT
105 R L E E S E S R K Y F Q Q L V D A V A H C H C K G V

-- VI --

TACCACCGTGACCTAAACCCAGAAAATCTTTTACTCGATACAAATCGAAATCTGAAGGTTTCCGATTTCGGACTCAGT
131 Y R D L K P E N L L L D T N G N L K V S [redacted] L S

-- VII --

GCATTCCCTCAGGAAGGAGTAGAACTTCTCCGTACCACATGTCGAACTCCGAACTATGTACCTCCAGACGGTACTTAGT
157 A L P Q E G V E L L R T T C G S P N Y V A P D V L S

-- VIII --

CGACAGGGTTACGATGGTTCAGCACCTGATATTTGGTCTTGCCCCGTTATTCTTTTCGTTATATTGCCTCGATATTTA
183 G Q G Y D G S A A D I W S C G V I L F V I L A G Y L

-- IX --

CCTTTTTCCGAGACGGATCTTCCACGGTTGTACAGAAAAATAAATCCACCAGAGTTTTCTTGTCCACCGTCGTTTTCC
209 P F S E T D L P G L Y R K I N A A E F S C P P W F S

-- X --

CCAGAAGTCAAGTTTTTAATACATAGGATACTTGACCCCAATCCCAAAACACGTATTCAAATTCAAGGAATCAAGAAA
235 A E V K F L I H R D L D P N P K T R I Q D Q G I K K

-- XI --

GATCCTTCGTTCAGATTAAATTATGTCCCTATACGAGCAACGGAAGAAGAAGAAGTGAATTTCGATGATATTCGTCCA
261 D P W F R L N Y V P I R A R E E E E V N L D D I R A

GTTTTTGATGGAATTGACGCCAGTTATGTACCCGAGAATGTAGAGAGAAATGATGAAGCCCCCCTGATGATGAATCCC
287 V F D G I E G S Y V A E N V E R N D E G P L M M N A

TTTGAGATGATTACCTTATCACAAGGCTTAAATTTATCTGCACTATTTGACACCGACACGATTTTGTTAAAACGCAA
313 F E M I T L S Q G L N L S A L F D R R Q D F V K R Q

ACCCGTTTTGTTTCTCGAAGCGAACCTAGTGAGATAATTCCTAACATTGAGCCTGTACCGAACTCAATCGGTTTTAAG
339 T R F V S R R E P S E I I A N I E A V A N S M G F K

TCTCATACACGAAACTTCAAGACAAGCCTCGACCGATTATCTTCGATCAACCCCCGACAGTTACCTGTTGTGATAGAG
365 S H T R N F K T R L E G L S S I K A G Q L A V V I E

ATTTACGAGGTGGCCACCATCCCTTTTCATGGTAGACGTAAGAAACCCTCCTGGTGAAACTCTTGAATATCACAAGTTC
391 I Y E V A P S L F M V D V R K A A G E T L E Y H K F

TACAAGAACCTATGTTCGAAACTGGAAAACATAATATCGACCCCAACAGAACGAATACCAAAGTCAGAGATTCTCAGA
417 Y K K L C S K L E N I I W R A T E G I P K S E I L R

ACAATCACGTTTTGATCCCAACTTAA
437 T I T F

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FIG. 3A

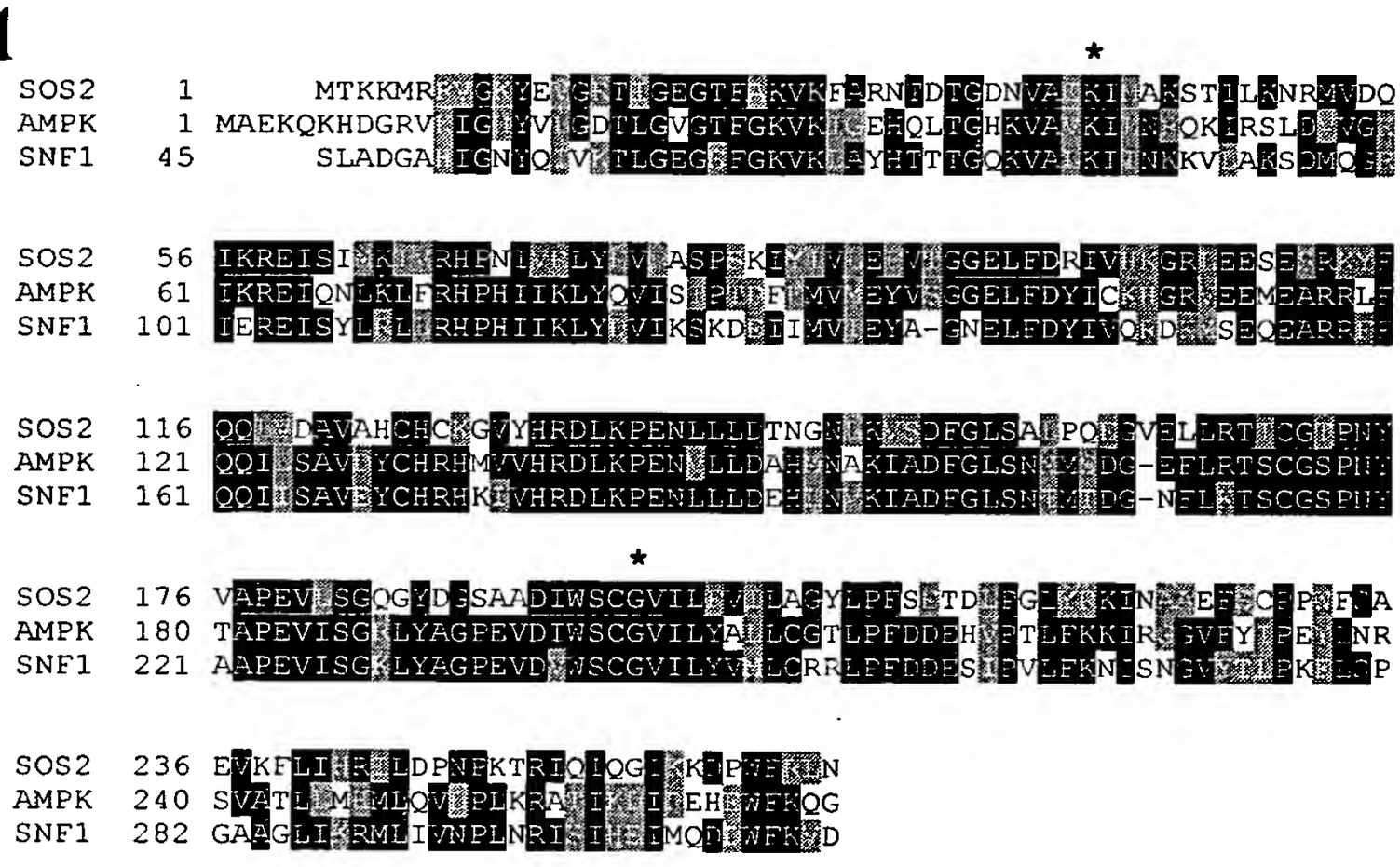
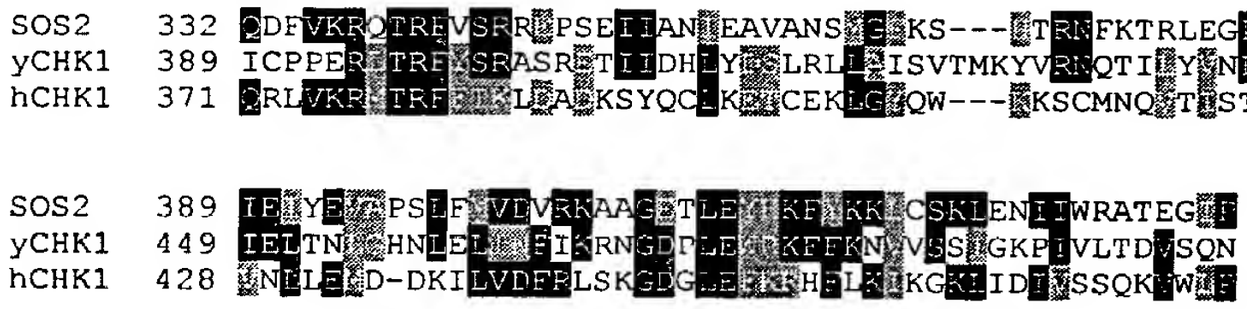


FIG. 3B



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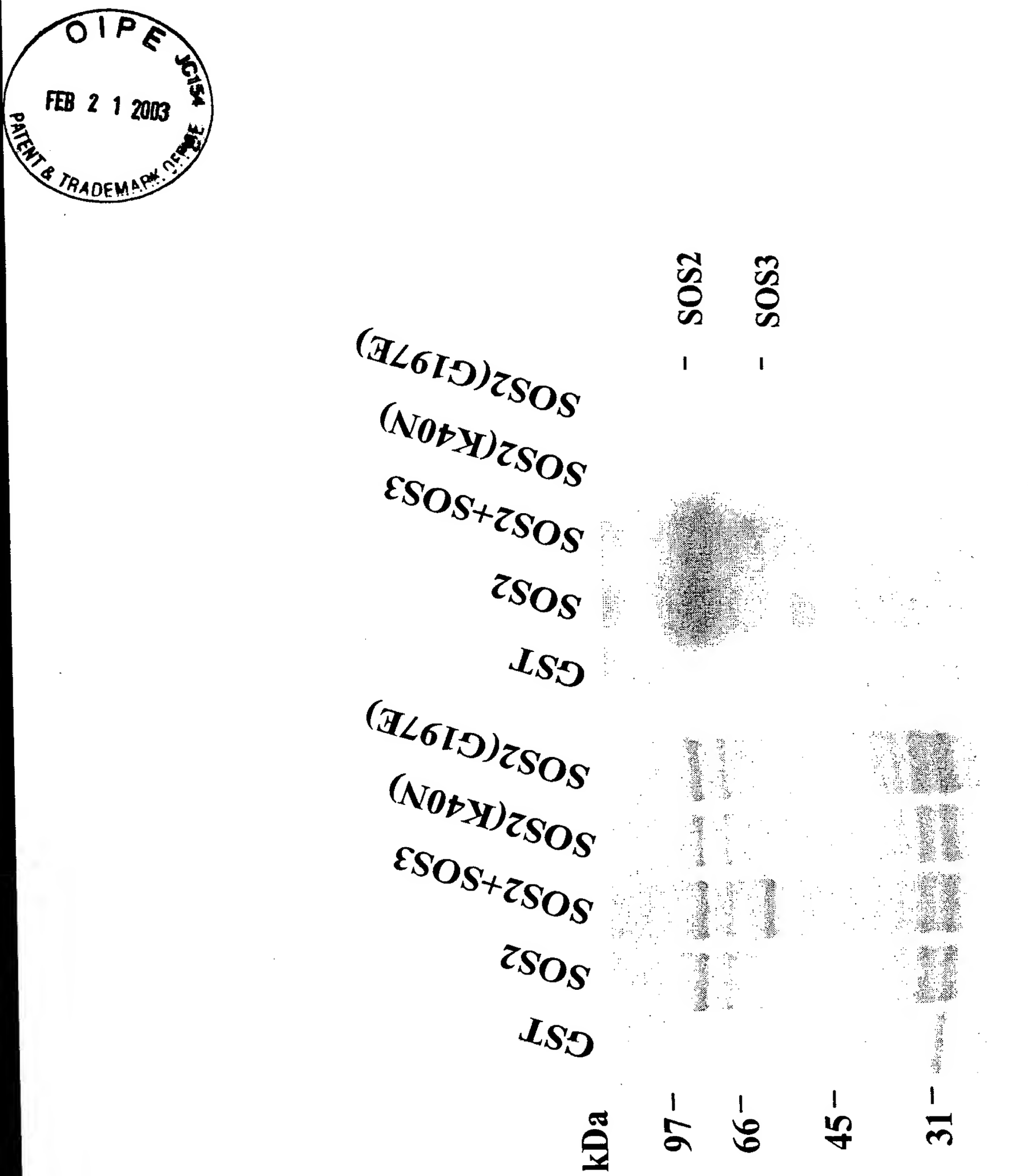

FIG. 4

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FIG. 5A

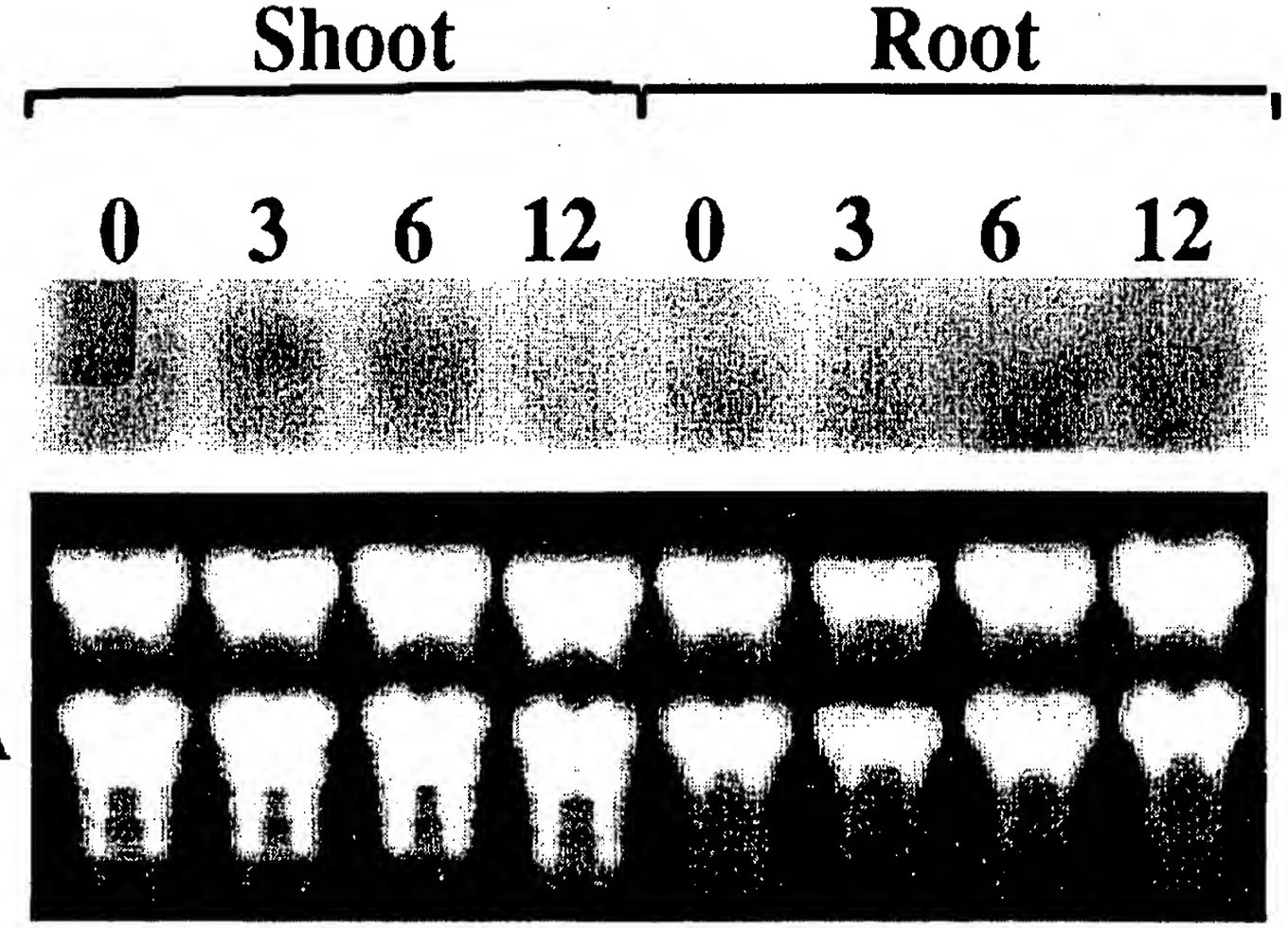
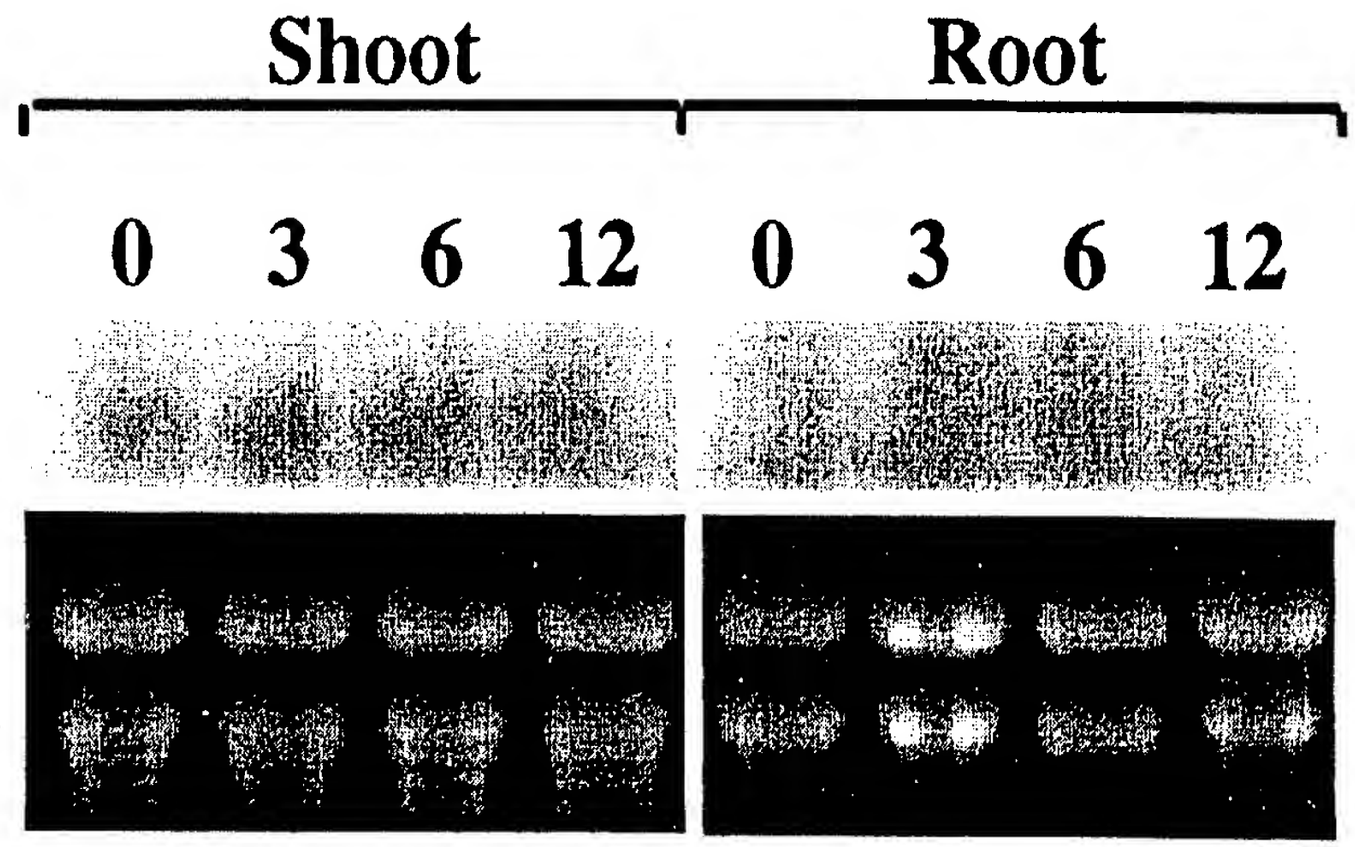


FIG. 5B



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